

August 24, 2012

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554



Re: Request for Special Temporary Authority
Hagerstown, Maryland Earth Station KA258

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)¹ for 30 days, from September 21, 2012 through October 20, 2012, to use its Hagerstown, Maryland Ku-band earth station -- call sign KA258² -- to provide launch and early orbit phase (“LEOP”) services for the Astra-2F satellite that is expected to be launched on September 21, 2012.³ The LEOP period is expected to last approximately six days.⁴

The Astra-2F LEOP operations will be performed in the following frequency bands: 17311.0 MHz and 18088.5 MHz in the uplink (RHCP or LHCP), and 11711.5 MHz, 11452.0 MHz, 12491.0 MHz in the downlink (RHCP or LHCP). The maximum uplink EIRP transmitted during the LEOP operations will be 85 dBW, with an emission designator of 800KF2D. The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path. As such, there would be no risk of

¹ Intelsat has filed its STA request, an FCC Form 159, a \$180.00 filing fee and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

² Intelsat currently is operating earth station KA258 at Hagerstown under Special Temporary Authority pending grant of a permanent modification application for a change in the antenna’s location. *See Intelsat License LLC Request for Extension of Special Temporary Authority*, File No. SES-STA-20120320-00284 (filed Mar. 20, 2012); *Intelsat License LLC Request for Extension of Special Temporary Authority*, File No. SES-STA-20120221-00186 (filed Feb. 21, 2012); *Policy Branch Information; Actions Taken*, Report No. SES-01421, File No. SES-STA-20120118-00067 (Feb. 1, 2012) (Public Notice).

³ The permanent orbital location for Astra-2F, which is licensed by Luxembourg, will be 28.2° E.L. The in-orbit testing location will be 43.5° E.L.

⁴ Intelsat is seeking authority through October 20, 2012 to accommodate a possible launch delay.

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interference with respect to lawfully operating, co-frequency radiocommunication facilities. Nevertheless, all operators of satellites in that path will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs.

The 24x7 contact information for the Astra-2F LEOP mission is as follows:

Ph.: (202) 944-7701 – East Coast Operations Center (primary)
(310) 525-5900 – West Coast Operations Center (back-up)

Request to speak with Harry Burnham or Kevin Bell.

In addition, Intelsat attaches Exhibits A-C, which contain a waiver request as well as technical information indicating that the operation of the earth station will be compatible with its electromagnetic environment and will not cause harmful interference into any lawfully operating terrestrial or government facility. In the extremely unlikely event that harmful interference should occur due to transmissions to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference. Intelsat also notes that for purposes of the Astra-2F LEOP mission, it is seeking to operate in the frequencies listed in the request at power levels not to exceed 26.5 dBW.

Grant of this STA request will allow Intelsat to help launch the Astra-2F satellite to the 28.2° E.L. location. This, in turn, will help ensure continuity of service at that location and thereby promotes the public interest.

Please direct any questions regarding this STA request to the undersigned at (202) 944-7848.

Respectfully submitted,



Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

Cc: Paul Blais